CHEADLE AND GATLEY

Urban District Council

Annual Report

OF

JOHN H. GODSON, M.B., B.C., D.P.H.,

Medical Officer of Health,

For the Year 1905

CHEADLE:

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To the Chairman and Members

OF THE

Cheadle & Gatley Urban District Council.

Gentlemen,

I beg to present my Annual Report for the year 1905 on the Cheadle and Gatley Urban Sanitary District.

In it I shall have to re-state a good many of the facts which have appeared in other Annual Reports, so as to meet the requirements of the memorandum issued annually by the Local Government Board to Medical Officers of Health, in which instructions are given as to how the Annual Report should be drawn up. Attention is again drawn in the memorandum to the instructions relative to the requirements of the Factory and Workshops Act, 1901, and special forms have again been sent to be filled up with details as to the number of and the sanitary condition of the workshops; another form has been sent also, requiring particulars of the infant mortality during the year.

The district is mainly residential and agricultural. The subsoil is sand and clay. There are only two bleachworks in the district, one small engineering works, and a steam laundry; these are well constructed and the health of the workpeople good. There are in Cheadle Hulme and Adswood a few brick-making yards. There are three public institutions in the district, viz., the Royal Lunatic Asylum, the Barnes Convalescent Hospital, and the Warehousemen and Clerks' Schools; these are treated in this Report as separate localities.

During the year considerably more new houses were built and occupied in the district than in the previous year; most of them were villas or small semi-detached houses and situated in the Cheadle Hulme Ward.

From December 31, 1904, to December 31, 1905, the total number of deaths registered in the district was 146: in the district proper there were 97, and at institutions there were, at the Royal Lunatic Asylum 33, and at the Barnes Convalescent Hospital 16.

The number of births registered in the district during the year, 157: males, 75; females, 82; total, 157.

Comparing the year 1905 with the years 1904 and 1903, the number of deaths registered in the district was :—

In 1905.... 97,
1904.... 92, increase 5,
1903.... 87, increase 10;

and the number of births registered in the district was :—

In 1905.... 157,
1904.... 189, decrease 32,
1903.... 176, decrease 19.

Table I. gives the total statistics of the whole district during 1905 and the previous ten years; on Nov. 9, 1901, part of the most populous part of the district was incorporated in the County Borough of Stockport, consequently there has been a great decrease in the population.; the area of the district, population census, 1901; the number of inhabited houses and the average number of persons per house.

Table II. gives the vital statistics of the district proper and the three institutions in the district, which are treated as separate localities for the year 1905 and the ten previous years.

Table III. gives the number of cases of infectious disease notified during the year in the district proper, and at the institutions, and also the number of cases removed to Hospital.

Table IV. gives the ages at and special causes of death.

Table V. gives the infant mortality, the number of certified and uncertified deaths, the special causes of and ages in weeks and months of infants under one year of death, the number of legitimate and illegitimate births in the year.

Population.

The population of the district (left after a portion had been incorporated into the County Borough of Stockport, Nov. 9, 1901) including institutions, census 1901—7,820; and excluding institutions (Royal Lunatic Asylum, 474; Barnes Convalescent Hospital, 174; and the Warehousemen and Clerks' Schools, 255: 903)—6,917.

The population estimated to June, 1905, arrived at by taking the increase due to the excess of the number of births over deaths, the number of new houses built and occupied during the twelve months, allowing four persons per house, excluding institutions—7,893 ; and including institutions (Royal Lunatic Asylum, 533 ; Barnes Convalescent Hospital, 152 ; Warehousemen and Clerks' School, 262)—8,840.

The death rate for 1905, for the total number of deaths registered in the district per 1,000 living, per annum (estimated population 8,840)—16·51 ; as compared with 15·70 in 1904 (estimated population 8,469) and 17·75 in 1903 (estimated population 8,222).

The death rate for the district proper, excluding institutions, estimated population 7,893, per 1,000 living, per annum, is 12·28, as compared with 12·22 in 1904 (estimated population 7,529) and 11·93 in 1903 (estimated population 7,290).

The birth rate for 1905 per 1,000 living, per annum (estimated population 7,893)—19·89 ; as compared with 25·11 in 1904 (estimated population 7,526) and 24·14 in 1903 (estimated population 7,290).

Deaths under one year of age, per 1,000 births registered, were, in 1905, 108·3 ; as compared with 111·1 in 1904 and 90·3 in 1903.

Of the deaths registered in 1905, 26·7 per cent. were over 65 years of age, and 11·6 per cent. were under one year of age, whereas, in 1904, 30 per cent. were over 65 years of age and 15·7 per cent. were under one year of age.

Table IV. shows that the principal causes of death of people : under 65 years of age were Bronchitis and Pneumonia, Cancer, Phthisis and other Tubercular diseases, and over 65 years of age—Bronchitis, Pneumonia and Senile Decay.

Table V. shews that the infant mortality was mostly due to premature birth, 8 out of the 17 cases being registered as due to that cause ; 4 of these did not survive a week, and 3 were triplets. Diarrhœa and Enteritis were the cause of 4 deaths, and Convulsions in two cases.

Zymotic Mortality.

4 deaths were registered as due to Zymotic diseases (including Influenza) viz. :—one due to Diphtheria, one to Summer Diarrhœa, and two to Influenza. Besides these, two cases of Scarlet Fever proved fatal at the Baguley Sanatorium, to which Hospital they had been removed.

The Zymotic death rate including Summer Diarrhœa and excluding deaths at the Hospital for the district proper—0·50, and not including Diarrhœa—0·37 per 1,000 living, per annum: estimated population 7,893; as compared with 1·59 and 0·93 respectively in 1904 (estimated population 7,526). Twelve deaths were registered as due to Phthisis and other tubercular disease, which include seven at the institutions. The death rate for the district proper per 1,000 living, per annum—0·63.

There were 9 inquests held during the year, as compared with 7 in the previous year. The verdicts were: Suicide by drowning; Suicide by strangulation; Suicide by taking corrosive poison; Accidentally killed by falling from a train; Killed by falling between the wheels of a moving railway wagon; Injuries due to accidentally falling off a lurry; Heart failure; Old age and Heart disease accelerated by a fall downstairs; Convulsions.

Table I. gives the death rate and the birth rate for the last ten years, 1895-1905, and also the average death rate and birth rate for the ten years, As part of the district which was growing very rapidly and very populous was incorporated into the County Borough of Stockport in 1901, the average death rate and birth rate for the ten years must not be taken as a criterion.

The death rate for the year 1905 is only 0·06 higher than in the previous year, while the birth rate is considerably lower, being 5·22 per 1,000 living, less than in 1904. The infant mortality per 1,000 births registered is lower than in 1904; it was, in 1905—108·3, and in 1904—111·1, and it would have been considerably lower except for the number of premature births.

Infectious Disease.

During the year 39 cases of Infectious Disease were notified, including 5 cases at the Warehousemen and Clerks Schools; 2 at the Convalescent Hospital and 2 at the Royal Lunatic Asylum. In the district proper, 30 cases were notified, as compared with 42 in 1904, and 24 in 1903.

The number of cases of each disease in the district proper was:—

Smallpox	in 1905	0	in 1904	0		
Scarlet Fever	,,	20	,,	23	decrease	3
Diphtheria.....	,,	4	,,	7	,,	3
Membraneous Croup	,,	0	,,	0		
Enteric Fever ...	,,	0	,,	1	decrease	1
Erysipelas	,,	6	,,	11	,,	5
Puerperal Fever...	,,	0	,,	0		

At the Barnes Convalescent Hospital, one case of Enteric Fever was notified and one case of Scarlet Fever, as compared with one case of Enteric Fever in the previous year.

At the Royal Asylum, two cases of Erysipelas were notified.

At the Warehousemen and Clerks' Schools, 5 cases of Scarlet Fever were notified, as compared with 62 in the previous year.

Method of dealing with Infectious Disease.

As soon a case of an Infectious Disease was notified, I visited the house where it occurred, and with the aid of the medical gentlemen in attendance and your Sanitary Inspector, took all possible precautions to prevent the disease from spreading. As soon as I was informed that the house was ready for disinfection, your Inspector fumigated it with sulphur or formaldehyde, which, though it is the only means at our disposal, is not at all a reliable method. In 1897 I was instructed to report on the various steam disinfectors then in use. I made investigations and presented a report, dated February 12, 1898; since then I have continued in my Annual Reports to draw attention to the need of a proper steam disinfector.

Arrangements have been made with Professor Delepine, of Owens College, for having material from doubtful or suspected cases of Diphtheria and Typhoid Fever examined bacteriologically. This means of confirming the diagnosis, especially in cases of Diphtheria, is being more generally used each year. Three specimens were sent for bacteriological examination, as compared with 11 in the previous year, of which two were from cases of Diphtheria and one from a case of Typhoid Fever. One of the Diphtheria specimens gave a positive result and one a negative one; the Typhoid Fever specimen gave a positive result.

The district was very free from Infectious Disease until the last quarter of the year, when Mumps and Whooping Cough became very prevalent among the children attending the Cheadle Day Schools. In the other parts of the district except Cheadle there has been hardly any cases of Infectious Disease, either notifiable or unnotifiable. The outbreak of Scarlet Fever at one of the institutions, which began in the previous year, was not completely stamped out till April of this year, when the last case was notified.

Smallpox.

No cases were notified during the year, nor were any in the previous year.

Vaccination.

Although I have been unable to get the exact number of children vaccinated in the district, I have no reason to suppose that there has been any falling off in the number of children efficiently vaccinated.

Scarlet Fever.

26 cases were notified, which included 5 cases at the Warehousemen and Clerks' Schools, and one at the Convalescent Hospital. Of the 20 cases belonging to the district proper, 17 occurred in Cheadle, 2 in Stockport Etchells, and one in Cheadle Hulme.

Of the 17 cases in Cheadle, twelve of these occurred in the same neighbourhood, but at different times ; of these 12 cases, 7 cases were notified from the same family. The first case was notified in May and was of such a very mild type that it was very difficult to diagnose ; in a short time the other members of the family developed sore throats and a rash, two of which were sent to the Baguley Sanatorium as suffering from Scarlet Fever. Dr. Rhodes, the medical superintendent, confirmed the diagnosis. They were kept in the hospital about 10 weeks and then sent home. At the end of August (about six weeks after their discharge from the Hospital) I received two more notifications from the same family and found these two patients again suffering from sore throat and a rash. They were both sent again to the Baguley Sanatorium, at Dr. Rhodes' suggestion,whom I consulted in the matter, as it is rather a rare occurrence to have two attacks of Scarlet Fever within four to six months, and that this was a second attack Dr. Rhodes had not the least doubt. One case, owing to complications, proved fatal during the second attack. I was unable to trace the primary cause of the infection, but no doubt as there were other cases in the street, there was a common source of infection, although I could not trace it to the milk supply or school attendance. Of the remaining five cases, which occurred in Cheadle, one case was brought to Cheadle while suffering from the disease unknown to the parents ; another case was peeling when first seen by its medical attendant ; another case occurred in a new house which was very damp and hardly fit to live in ; the other two cases were of an exceedingly mild type and require no special comment. Of the two cases which occurred in Stockport Etchells, one was a boy who attended a large school outside the district and had most probably taken the infection from outside the district ; the other case was thought to have been brought on by the patient wading during October in some very cold water. The case at Cheadle Hulme was a sporadic case and calls for no special comment.

Eleven cases of Scarlet Fever were sent to the Baguley Sanatorium from the district proper.

The case notified from the Barnes Convalescent Hospital was sent at once to the Monsall Fever Hospital.

The five cases notified from the Warehousemen and Clerks' Schools occurred during February, March and April, and were sent to the Baguley Sanatorium, where arrangements had been made to take them in, instead of having them treated in their own Sanatorium ; this completely stamped out an outbreak which had been going on since the middle of the previous year. One of the cases sent to the Baguley Sanatorium proved fatal.

Enteric Fever.

One case was notified, which occurred at the Barnes Convalescent Hospital, and was removed to the Monsall Fever Hospital; a bacteriological examination confirmed the diagnosis in this case.

In the district proper there was no case notified, and only one in the previous year. There was only one application for bacteriological examination, and this gave a positive result.

Diphtheria and Membranous Croup.

Four cases were notified as compared with seven in the previous year. Two cases occurred in Cheadle, one in Cheadle Hulme, and one in Stockport Etchells. In two cases only were bacteriological examinations made : in one case the result was positive, in the other negative. In no case was I able to trace the exact origin of the disease. In one case the patient had been suffering from mumps and then developed the disease. Antitoxin was used in this case, but it proved fatal. The other cases were of a mild type and do not require any special comment. In all cases all possible precautions were taken to prevent any further spread of the disease. One case from Gatley was removed to the Baguley Sanatorium, where it developed Scarlet Fever.

Antitoxin.

In my previous Annual Report I suggested that Antitoxin should be obtained for the convenience of medical practitioners in the district who do not store it, and that it might be issued gratuitously in suitable cases; in others it might be issued at cost price. I again brought the matter before your Council at the end of the year and instructions were given to me to keep a supply.

Puerperal Fever.

No cases, either of Puerperal Fever or Puerperal Septicœmia, were notified ; nor was a case notified in 1904. One death was registered as due to Acute Bronchitis and Premature Labour.

Erysipelas.

8 cases were notified, which included 2 at the Royal Asylum, as compared with 11 in the previous year. Of the 6 cases in the district proper, 5 cases occurred in Cheadle and 1 in Cheadle Hulme. They were all of a mild type and in most cases the head and face were affected.

Measles.

This disease is not notifiable. Since the severe outbreaks in 1904, the district has been almost free from the disease ; only one or two cases have been reported during the whole year.

Chickenpox.

This disease was very prevalent among the infants attending the Cheadle and the Cheadle Heath Day Schools during the months of April and May. In some cases it was of a very severe type, but on the whole it was of a mild type.

Whooping Cough.

A few cases were reported to me about June for the first time ; since then cases were being reported from time to time up till December, when there was a great increase in the number of cases, especially among the children attending the Cheadle Day Schools.

Mumps.

This disease was very prevalent among the children attending the Day Schools in the district during the last four months of the year. Several adults have also been affected ; with them the disease has been of a rather severe type.

Diarrhœa.

Summer Diarrhœa was not as prevalent during the late summer months and early autumn as in previous years, although several cases occurred among infants and young children. Six deaths were registered as due to Diarrhœa and Enteritis ; 4 of these were of infants under one year of age, and the whole 6 were of children under 15 years of age.

Influenza.

Influenza was never very prevalent; only a few cases were reported, and they were of a mild type. Two deaths were registered as due to Influenza and its complications.

Hospital Accommodation.

In 1903 your Council made arrangements with the Withington Urban District Council (which has been taken over by the Manchester Corporation) for admission of cases of Scarlet Fever, Diphtheria and Enteric Fever into their Baguley Sanatorium. Three beds have been retained, which so far are quite sufficient for the needs of the district.

Your Council have also, jointly with the Heaton Norris Urban District Council, erected an Iron Hospital of eight beds on the vacant land near the Sewage Outfall Works, for cases of Smallpox; although quite ready for the reception of patients should occasion arise, it has never yet been used.

The Barnes Convalescent Hospital send all their cases of infectious disease to the Monsall Fever Hospital.

The Royal Lunatic Asylum, if any cases should arise, isolate them in one of their detached houses.

The Warehousemen and Clerks' Schools, till the beginning of the year, used their own sanitorium: when arrangements were made privately for their cases of Scarlet Fever to be admitted to the Baguley Sanatorium.

17 cases were sent to the Baguley Sanatorium, which included 5 cases from the Warehousemen and Clerks' Schools and 12 from the district proper.

Sewage Outfall Works.

These continue to work satisfactorily. Whenever samples of the effluent have been taken for analysis by the Mersey and Irwell Joint Committee they have always been reported as good.

There are still 14½ acres of land which can be used for land filtration when occasion shall arise.

The sewage system, although the original scheme was completed, has been considerably extended during the year; about one and three-quarter miles of piping have been laid in Cheadle Hulme Ward, extending from Church Road to the boundary at Moss Lane.

Improvements.

The work of paving, sewering and channelling several private streets in Cheadle Hulme, which had been begun in the previous year, was completed, There are still some private streets which are in a very bad state, especially in wet weather. The sewers in several streets have been connected up with the main sewer. Several houses have been redrained and connected up with the sewage system, and several privies and ashpits have been done away with and replaced by water-closets. The lighting of one or two streets has been improved.

Disposal of Refuse.

In your Inspector's Report will be found a report on this matter. This is efficiently done, and as far as I know only a very few complaints were made during the summer months.

Water Supply.

The water is supplied by the Stockport Corporation and is sufficient for the needs of the district. There was as far as I know no curtailment of the supply in any part of the district. At times it was very discoloured and turbid and hardly fit for domestic purposes.

Your Inspector took one sample of water from a well for analysis. The Analyst reported it as fit for domestic purposes.

Pollution of Rivers and Streams.

As in the previous year during the summer months several complaints were made about the stench arising from a stream called the Micker Brook. Steps were taken to have the nuisance abated, and I am informed also that the Mersey and Irwell Joint Committee have the matter in hand.

Slaughter Houses.

There are four slaughter-houses in the district which are still unlicensed. They have been regularly inspected and are reported clean and well kept. I have visited them occasionally. In one case the owner has been served with a notice to repair the floor, which is now being done.

Dairies and Cowsheds.

These have also been regularly visited by your Inspector, and I have also visited several. They are, on the whole, cleanly

kept and the animals well looked after. Alterations and improvements as regards lighting and ventilation have been carried out in two cases. In 1903 your Inspector made a very careful and good report on the number of cowsheds, the lighting and ventilation, and the cubic space per cow in every cowshed and dairy in the district; from it, it will be seen that there are still many which require improvements and alterations. Your Council also appointed a Sub-committee to go into the matter.

Two samples of milk sold in the district have been taken for analysis. The Analyst reported them as pure.

Bakehouses.

There are 11 retail bakehouses in the district. They have all been regularly visited by your Inspector. On the whole they are clean and well lighted and ventilated. In one case it was found necessary to order the occupier to limewash the walls, owing to their dirty condition.

Food and Drugs Act.

Your Inspector has taken 3 samples of food sold in the district. In each case the Analyst reported them as pure.

Unwholesome Food.

None, as far as I know, was exposed for sale in the district during the year.

Unhealthy Houses.

5 houses were condemned as unfit for human habitation in their present condition; 2 were pulled down, and your Inspector has the case of the other three still in hand. One house was reported as being in such a filthy condition as to be unfit for human habitation. Your Inspector took the matter in hand to have the nuisance abated. One case of overcrowding was reported. On making enquiries I found it was not correct. Owing to the making of a new railway there has been a great influx of workpeople, and as there is a scarcity of cottages for them, there is a great tendency to overcrowding in them. Constant enquiries are being made and also inspections to prevent it if possible.

New Houses.

59 new houses were built and occupied during the year; they have all complied with the requirements of your bye-laws. The majority of these new houses were built in the Cheadle Hulme Ward. Very few cottages were built.

Your Surveyor has supplied me with following information as regards the number of Buildings for which plans have been approved during the year. Only a very few plans were referred back, owing to sanitary defects and want of yard space.

Information as to Buildings, Plans for which have been approved during the year ended 31st December, 1905 :—

Description	Plans approved for	Work not yet begun	Work in progress	Buildings completed	Buildings completed this year (1905) from plans of 1904
(a) New dwelling-houses and dwelling-houses & shops combined	87	28	24	35	24
(b) Alterations and additions to dwelling-houses and dwelling-houses and shops combined, including stables, coach-houses, and other domestic outbuildings	10		1	9	9
(c) New lock-up shops	2			2	
(d) New buildings of the nature of Factories or Workshops apart from dwellings	2			2	
(e) Alterations and additions to Factories or Workshops apart from dwellings	4			4	
(f) New Places of Worship	*1			1	§2

* Chapel, Cheadle Royal Asylum.

§ Mission Chapel, Lady Bridge Road; Navvies' Mission Chapel, Brook Road.

Number of houses, plans for which were referred back owing to sanitary defects, such as yard space, drainage, etc., 27.

2nd January, 1906. EDWARD SYKES, Surveyor.

As there are now several streets in which the houses have not been numbered, although a few were done during the year, it would facilitate the work of our department if it were done as soon as possible, especially when dealing with nuisances and infectious disease.

Black Smoke.

Your Inspector has made observations and reported on them.

Elementary Schools.

These have been visited from time to time, and I have examined children at the request of the Masters when infectious disease was prevalent. I have received much valuable information as regards infectious disease from the Masters of the schools, who very kindly report to me any case of children staying at home and supposed to be suffering from infectious disease. The playgrounds are dry, but one is much too small. The sanitary arrangements are satisfactory.

Cemetery.

Was formally opened in 1903, and has since been used for interments.

Recreation Ground.

The original plot of land has been exchanged for one nearer the Stockport main road and more convenient for the children. It has been fitted up with a shelter and swings, and is now very much used and appreciated by the children.

Your Council have also provided a temporary ground for the children in Gatley ; it was opened in the summer.

Factory and Workshops Act.

The Act which came into force in 1902 requires the Medical Officer of Health to report specifically on the administration of the Act in workshops and workplaces in his district. The chief points to be reported on may be classified as follows :—

(1) Sanitary conveniences.
(2) Sanitary regulations of bakehouses.
(3) Home workers.
(4) Keeping a list of home workers.
(5) Keeping a register of workshops.

There are 51 workshops in the district on the register, including 9 domestic workshops, 11 retail bakehouses, 2 laundries and 29 other workshops.

The chief workshop industries are bleaching, brickmaking and silk hand-loom weaving. They are all clean, the air space per head is well above the limit required by the Act, ventilation good and the lighting good. They are regularly visited by your Inspector, and I have visited several also.

The sanitary conveniences are sufficient and suitable.

Sanitary Regulations of Bakehouses.

Their general sanitary condition was good. One complaint had to be made as regards limewashing, which was rectified on verbal notice. There are no underground bakehouses.

Home Workers.

Two lists were received before August, 1905, representing two employers and three outworkers. The outwork was done in connection with wearing apparel. Outworkers' premises, 2: none were found unwholesome.

Two sanitary defects were reported by H.M. Inspector of Factories to your Council, namely, one workshop and one bakehouse being in a dirty condition (both were cleansed on verbal notice). No infringements were reported by your Council to H.M. Inspectors.

Offensive Trades.

None, as far as I know, were carried on in the district.

I have, with your Inspector, made frequent inspections of the district, and from time to time house to house inspections, and where I have suggested any improvements or alterations, they have been carried out to the satisfaction of your Inspector.

Whenever nuisances have been reported, steps were taken by your Inspector to have the nuisance abated.

The general health of the district has been very good, and except for the cases of mumps and whooping cough, the district has been exceptionally free from Infectious Disease.

The death rate is about the same as last year, but the birth rate is considerably lower, which has been general all over the country. The infant mortality is lower than last year, and would have been considerably lower except for the number of premature births.

Appended is your Inspector's Report. From it will be seen that a good deal of good work is being quietly done. As he says, a large proportion of the work required to be done to abate nuisances was carried out on verbal notice only to the owners, and hence is not necessary to lay before your Council; and that the work is increasing also.

In conclusion, I must acknowledge the very efficient help I have received from Mr. Fernley, your Inspector, in carrying out my duties during the year.

I am, your obedient servant,

JOHN H. GODSON, B.A., M.B., B.C., D.P.H. (CAMB.),

MEDICAL OFFICER OF HEALTH.

FEBRUARY 6, 1906.

Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.
The Barnes Convalescent Hospital	The Infirmary, Stockport.
The Royal Lunatic Asylum.	The Workhouse Infirmary, Stockport.
	Baguley Fever Sanatorium.
	Manchester Royal Infirmary (occasionally).

Is Union Workhouse within the district? No.

TABLE I.—CHEADLE AND GATLEY URBAN DISTRICT.—For Whole District.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 year of Age		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered	Number.	Rate.*				Number.	Rate.*
1895	8,000	207	25·87	21	96·6	142	17·77	18			125	14·70
1896	8,250	199	24·12	28	140·7	171	20·72	37			134	15·62
1897	8,790	198	22·52	30	151·5	160	18·31	47			113	12·85
1898	9,100	221	24·28	36	162·8	183	20·11	44			139	15·27
1899	9,850	230	23·35	24	104·3	197	20·00	47			150	15·23
1900	10,600	234	22·07	31	132·4	193	18·20	48			145	13·67
1901	10,807	257	29·94	34	123·2	174	16·10	52			122	12·31
1902	7,050	182	25·81	19	104·3	133	16·74	32			101	14·30
1903	7,290	176	24·14	16	90·9	146	17·75	59			87	11·93
1904	7,526	189	25·11	21	111·1	133	15·70	41			92	12·22
Averages for years 1895-1904	8726·3	209·3	24·72	26	119·7	163·2	18·14	42·5			120·8	13·81
1905	7,893	157	19·89	17	108·3	146	16·51	49			97	12·28

* Rates calculated per 1,000 of estimated population. Area of District in acres (exclusive of area covered by water) 5,812.
Total Population at all ages, 9904. Number of Inhabited Houses, 2133. Average Number of Persons per House, 4·6.
(At Census of 1901.)

TABLE II.—CHEADLE AND GATLEY URBAN DISTRICT.

Names of Localities.	CHEADLE AND GATLEY URBAN DISTRICT.				WAREHOUSEMEN AND CLERKS' SCHOOLS.				BARNES CONVALESCENT HOSPITAL.				MANCHESTER ROYAL ASYLUM.			
Year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 Year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 Year.	Population estimated to middle of each Year.	Births registered.	Deaths at all ages.	Deaths under 1 Year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1895	8000	207	125	21	246	...	...	...	148	...	6	...	334	...	12	...
1896	8250	199	134	28	225	...	...	...	153	...	7	1	337	...	29	...
1897	8790	198	113	30	225	...	1	...	155	...	24	...	337	...	22	...
1898	9100	221	139	26	225	...	...	...	153	...	15	...	337	...	28	...
1899	9850	236	150	24	225	...	2	...	153	...	17	...	337	...	30	...
1900	10600	234	145	31	254	...	1	...	148	...	13	...	452	...	34	...
1901	9904	257	122	34	255	...	...	...	174	...	15	...	474	...	37	...
1902	7050	182	101	19	265	...	...	...	153	...	10	...	476	...	22	...
1903	7290	176	87	16	279	...	...	...	154	...	23	...	499	...	36	...
1904	7526	189	92	21	268	...	2	...	148	...	18	...	527	...	21	...
Averages of Years 1895 to 1904.	8636·0	209·9	120·8	25·0	246·7	...	·6	...	153·9	...	14·8	...	411·0	...	27·1	...
1905	7893	157	97	17	262	...	...	...	152	...	16	...	533	...	33	...

TABLE III.—CHEADLE AND GATLEY URBAN DISTRICT.

Cases of Infectious Disease notified during the year 1905.

Notifiable Disease.	Cases Notified in Whole District.							Total Cases Notified in each Locality.				Number of Cases Removed to Hospital from each Locality.			
	At all ages.	At Ages—Years.						Cheadle and Gatley.	Royal Asylum.	Barnes Convalescent Hospital.	Warehousemen & Clerks' Schools.	Cheadle and Gatley. (District proper.)	Royal Asylum.	Barnes Convalescent Hospital.	Warehousemen & Clerks' Schools.
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards.								
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	4	...	...	4	...	...	...	4	...	...	...	1	...	...	...
Membranous croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	8	...	...	...	...	8	...	6	2	...	...	...	...	...	...
Scarlet fever	26	...	3	23	...	...	...	20	...	1	5	11	...	1	5
Typhus fever	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Enteric fever...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...
Relapsing fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued fever	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
Puerperal fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	39	...	3	27	1	8	...	30	2	2	5	12	...	2	5

ISOLATION HOSPITAL.—For information on this subject see body of report on Hospital Accommodation.

Table IV.—CHEADLE AND GATLEY URBAN DISTRICT.
Causes of, and Ages at, Death during Year 1905.

Causes of Death.	Deaths at the subjoined ages of Residents whether occurring in or beyond the District.							Total Deaths wh'th'r of Residents or non-Residents in Public Institutions in the District.
	All ages.	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards.	
Smallpox ...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...
Scarlet Fever ...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...
Diphtheria & Membranous Croup ...	1	...	...	1	...	...	...	...
Croup... ...	...	...	...	...	...	...	...	...
Fever — Typhus ...	...	...	...	...	...	...	...	...
Fever — Enteric ...	...	...	...	...	...	...	...	...
Fever — Other continued ...	...	...	...	...	...	...	...	...
Epidemic Influenza ...	2	...	...	...	...	2	...	...
Cholera... ...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...
Diarrhœa ...	1	1	...	...	...	...	...	...
Enteritis ...	5	3	1	1	...	...	...	...
Puerperal Fever ...	...	...	...	..	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...
Other Septic Diseases ...	1	1	...	..	...	...	...	...
Phthisis (Pulmonary Tuberculosis) ...	5	...	...	...	...	5	...	3
Other Tubercular Diseases	7	...	2	1	3	1	...	4
Cancer, Malignant Disease	8	...	...	...	1	7	...	4
Bronchitis ...	13	...	1	...	...	4	8	1
Pneumonia ...	13	1	1	...	1	6	4	4
Pleurisy ...	1	...	...	...	...	1	...	...
Other Diseases of Respiratory Organs ...	1	...	...	...	...	...	1	...
Alcoholism / Cirrhosis of Liver ...	2	...	...	...	...	1	1	...
Venereal Diseases ...	...	...	...	...	...	...	...	...
Premature Birth ...	8	8	...	...	...	...	...	...
Diseases and Accidents of Parturition ...	...	...	...	...	...	...	...	...
Heart Diseases ...	7	...	...	1	1	3	2	2
Accidents ...	4	...	...	1	...	3	...	...
Suicides ...	3	...	...	...	...	3	...	1
All other causes ...	64	3	...	1	2	35	23	30
All causes ...	146	17	5	6	8	71	39	49

Table V.—CHEADLE AND GATLEY URBAN DISTRICT.

Infantile Mortality during the year 1905.

CAUSE OF DEATH.	Under 1 W'k.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 M'ths.	10-11 M'ths.	11-12 M'ths.	Total De'ths under One Year.
All Causes.																	
Certified	4	2	2	1	9	2	...	...	2	1	1	1	...	...	...	...	16
Uncertified...	...	...	...	...	...	1 (inquest)				...	...	...	...	...	...	...	1
Common Infectious Diseases.																	
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria : Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœal Diseases.																	
Diarrhœa, all forms...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1
Enteritis (not Tuberculous)	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	3
Gastritis, Gastro-intestinal Catarrh...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases.																	
Premature Birth ...	4	2	2	...	8	...	...	...	...	...	...	...	...	...	...	...	8
Congenital Defects ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Injury at Birth... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Want of Breast-milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atrophy, Debility, Marasmus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Diseases.																	
Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peritonitis : Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Convulsions	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Suffocation (overlaying)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Causes	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
Totals	4	2	2	1	9	3	...	...	2	1	1	1	...	...	...	...	17

District (or Sub-division) of Cheadle and Gatley.

Births in the year { Legitimate ....154 / Illegitimate .. 3 } Population estimated middle of 1905 . . 7893.

Deaths from all causes at all ages . . 97.

FACTORY AND WORKSHOP ACT, 1901.

Report of the Medical Officer of Health on the Administration of the Act in the Urban District of Cheadle and Gatley during the year 1905.

1—Inspection.

Total number of Workshops in the district, as per Register, 51.

Visits of inspection made during 1905 by Sanitary Inspector:—Factories, 5; Workshops, 77; Homeworkers' Premises, 2; Total, 84.

2—Defects Found.

Want of Clealiness, 2; remedied, 2.

3—Other Matters.

Homework: Lists received, 2; outworkers, 3.

Chief workshop industries in the district:—Bleaching, Brickmaking, Building.

JOHN H. GODSON.

Sanitary Inspector's Annual Report.

Public Offices,

High Street, Cheadle.

To the Chairman and Members of the Urban District Council, Cheadle and Gatley.

Gentlemen,

I beg to submit my Annual Report on Inspections made during the year 1905, together with nuisances abated and improvements effected in consequence of such inspections.

Inspection of District.

A systematic house to house inspection has been made (with the exception of a few streets in Cheadle) throughout the whole district, and in many cases where insanitary conditions were found, it was due to neglect or careless habits of the occupiers. Houses and premises also were visited on complaint, and when infectious disease occurred in them. The total number of houses and premises inspected, 1,475.

Notices, &c., Served.

The Preliminary Notices with respect to various nuisances found in the course of such inspections were served upon owners and occupiers, and alterations required in many cases were promptly carried out. In 16 instances, nuisances in connection with 60 premises were reported to your Committee, and instruction given that Statutory Notices be served in 12 cases.

The various premises were visited while alterations were in progress, in order to see that requirements were complied with.

I have also had frequent interviews, in all parts of the district, with owners, occupiers and contractors, relative to the work required to abate nuisances.

A large proportion of the work required to be done to abate nuisances was carried out on verbal notice to the owners, &c.

Smoke Testing.

The smoke test has been applied to drains in 6 houses, and in five cases defects were found.

Drains.

16 defective drains have been repaired, re-laid, or reconstructed, and where drains have been re-laid or reconstructed, 4 inch ventilating shafts were placed at the highest point and carried up above the eaves of house roof.

33 houses have been entirely re-drained and connected up with the sewerage system.

Water Closets.

7 defective water closets have been taken out and modern pedestal wash-down water closets substituted, provided with separate flushing cisterns.

10 water closets which were choked have been opened and cleansed.

38 water closets have been provided and fixed in lieu of privies which have been abolished.

Privies and Ashpits.

13 privies and ashpits have been repaired, ventilated and covered in.

38 privies and ashpits have been abolished and replaced with pedestal wash-down water closets.

36 galvanized iron ashbins have been provided in lieu of ashpits.

Dairies, Cowsheds and Milkshops.

These have been regularly visited and found generally clean and well kept.

2 cowsheds have had windows provided and fixed, giving better light and ventilation.

Food and Drugs.

Meat, food, &c., exposed for sale in the district has been regularly inspected. No unsound food has been found.

2 samples of milk and 3 samples of food have been taken for the purpose of analysis; they were all found to be pure.

Water Supply.

1 sample of well water was taken for the purpose of analysis and it was reported as fit for domestic purposes.

New Houses.

59 new houses have been occupied in the district during the year; these are all built in accordance with your Council's bye-laws.

Factory and Workshops Act, 1901.

There are 51 workshops on the register, and 84 inspections have been made, and in no case was any contravention of the Act found.

One complaint has been received from the Government Inspector re dirty condition of a workshop in Cheadle. On the attention of the occupier being drawn to the dirty condition of the workshop, it was thoroughly cleansed and limewashed.

Home Work.

Two lists of outworkers have been received during the year, relating to two employers and three outworkers.

Bakehouses.

The bakehouses in the district have been regularly inspected and generally found to be clean. One complaint has been received from the Government Inspector re dirty condition of walls; these were limewashed immediately on verbal notice to the occupier.

There are now 11 bakehouses on the register.

Slaughter Houses.

There are 4 slaughter houses in the district; these have been regularly inspected and are clean and well lighted. In one slaughter-house the floor was badly broken and in a dilapidated condition and notice was served on the owner to repair and concrete floor and place such slaughter house in proper sanitary condition. Alterations are now in progress (Dec. 31st.)

Infectious Disease.

24 houses have been disinfected after an illness of an infectious character.

In the year 1904 an outbreak of infectious disease occurred at one of the institutions in the district. During the Christmas vacation the whole of the institution was thoroughly re-drained and the sanitary fittings taken out and replaced with modern fittings. The whole of the institution (internally) was washed down with chlorinated water and fumigated with chlorine, the bedding disinfected by steam, and mattresses burnt.

INSPECTOR'S REPORT OF SANITARY WORK COMPLETED DURING THE YEAR 1905.

SUMMARY.

No. of Complaints received during the year, exclusive of Applications *re* House Refuse Removal		10
,, Houses, Premises, Inspected	1475	
,, Houses, Premises, Re-inspected	341	
		1816
,, Samples of Food taken and submitted for analysis		5
,, Samples of Water taken and submitted for analysis		1

RESULTS OF INSPECTIONS.

Orders issued for Sanitary Amendments to Houses and Premises	12
Houses, Premises, &c., Cleaned, Repaired, Lime-washed, &c.	7
Houses Disinfected after an Illness of an Infectious Character	24
Houses entirely Re-drained and Coupled up with Sewerage System	33
House Drains Cleansed and Repaired	16
Midden Privies converted into Water Closets	38
Privies and Ashpits Repaired, Covered and Ventilated	13
Ashpits abolished and Dust Bins provided in lieu thereof	36
Slop Sink, Waste Pipes and Rainwater Pipes Repaired and disconnected from drains	43
Bath and Lavatory Waste Pipes and Soil Pipes altered and made to comply with modern sanitary requirements	12
Defective Indoor Water Closets abolished and Replaced by Modern Wash-downs	5

MISCELLANEOUS.

No. of Lodging Houses Registered, 90th Section of Public Health Act, 1875	—
,, Common Lodging Houses	—
,, House Refuse Removed (Loads)	3372
,, Accumulations of Animal Refuse Removed	7
,, Bakehouses	11
,, Slaughter houses	4
,, Licensed Dairies, Cowsheds and Milk Shops	46
,, Workshops Inspected	51
,, Drains Examined under Sec. 41, P.H.A., 1875	7
,, Smoke Test applied to Drains	6
,, Observations of Black Smoke from Chimneys in district	14

I am,

Your obedient servant,

JAMES T. FERNLEY, Assoc. R.San.I.,
Sanitary Inspector.

February, 1906.